COMPANY OVERVIEW

LPES International

Engineering-led lightning protection, surge protection, earthing, and grounding solutions for critical infrastructure.

LPES International

Protection to Perfection

Who we are

- A specialized electrical protection company serving industrial, commercial, and infrastructure environments.
- Focused on external lightning protection, surge protection devices, earthing systems, grounding, and turnkey execution.
- Built for facilities where uptime, safety, and compliance directly affect business continuity.

What LPES stands for

- **Capture** — Intercept lightning safely before it becomes structural damage.
- **Control** — Channel surge and fault energy through engineered paths.
- **Discharge** — Dissipate current into a coordinated earth network.
- **Continue** — Protect uptime, assets, and operational continuity.

CUSTOMER PAIN

What problem LPES solves

Modern facilities are increasingly exposed to lightning strikes, transient overvoltage, grounding failures, and the cost of downtime.

Operational downtime

Production loss, panel trips, false signals, and service interruptions during surge or lightning events.

Asset damage

Sensitive equipment, automation systems, IT devices, and field instruments can fail from uncontrolled energy.

Safety & compliance gaps

Touch voltage, fire risk, inadequate earthing, and non-compliant installations increase people and site risk.

Complex environments

Industrial plants, logistics hubs, telecom sites, solar assets, and commercial buildings all need different protection logic.

Fragmented vendors

Buying isolated products without integrated design can create weak links across lightning, earthing, bonding, and SPD coordination.

High consequence sectors

In pharma, petro, FMCG, data, and infrastructure settings, even a brief outage can ripple through operations and revenue.

Business impact: higher maintenance cost, lost uptime, damage risk, approval delays, and avoidable non-compliance.

DELIVERY MODEL

How LPES solves it

LPES combines engineering, products, execution, and technical documentation into one integrated protection approach.

01 Assess risk

Study the site, exposure points, electrical network, and application environment.

Input

02 Engineer the solution

Design external LPS, earthing, bonding, and coordinated surge protection aligned to standards.

Design

03 Document clearly

Prepare BOQs, AutoCAD layouts, risk logic, and implementation-ready technical drawings.

Clarity

04 Execute & support

Deliver SITC support, installation coordination, testing logic, and ongoing maintenance guidance.

Delivery

Core solution stack:

- Lightning protection systems
- Surge protection devices for power and data lines
- Earthing, grounding, and equipotential bonding
- Risk assessment, compliance documentation, and project coordination

PROOF & TRUST

Why LPES is credible

The brand message is built around engineering depth, standards alignment, execution capability, and cross-sector proof.

Credibility drivers

- Standards-led solution approach with references across IEC, IS, NFPA, UL, OISD, and application-specific engineering practices.
- Growing portfolio of precision-engineered protection products and system components.
- Project delivery capability from design intent to SITC support, documentation, and client guidance.
- Experience across commercial, industrial, logistics, transportation, and mission-critical environments.

IEC 62305

IS 3043

IS/IEC 61643

IS/IEC 62561

NFPA 780

UL / OISD

Why clients buy the LPES story

- One partner that connects product quality with engineering logic.
- Protection focused on uptime, safety, and compliance rather than just hardware supply.
- Clear technical documentation that reduces ambiguity before execution.

For more information Visit Our Website: https://www.lpesinternational.com/